

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: CHEN-JUNG CHIEN, CHYU-JIUH TORNG, CHERNG-CHYI HAN, CHENG T. HORNG, MAO-MIN CHEN

For: A WAY TO IMPROVE HARD BIAS PROPERTIES FOR AN ABUTTED JUNCTION GMR RECORDING HEAD

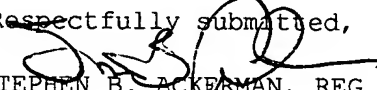
Enclosed are:

- ☒ 1 sheet of drawing(s) - formal.
- ☒ An assignment of the invention to Headway Technologies, Inc.
- ☐ An associate power of attorney ☐ Applicant claims small entity status
- ☐ Request & Certification under 35 USC 122(b) (2) (b) (i)

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 710.
TOTAL CLAIMS	14 -20=	0	x 18 =	\$ 0.
INDEP CLAIMS	6 -3=	3	x 80 =	\$ 240.
MULTIPLE DEPENDENT CLAIM PRESENTED			+ 260 =	
			SUB TOTAL	\$ 950.
			ASSIGNMENT	\$40.
			TOTAL	\$ 990.

- ☒ Please charge my Deposit Account No. 19-0033 in the amount of \$ 990. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR \$1.16.
- ☒ Any patent application processing fees under 37 CFR \$1.17.

Respectfully submitted,  
  
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